

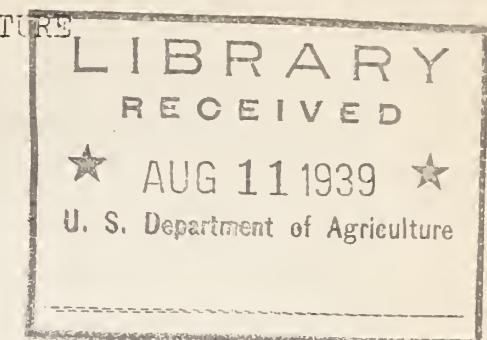
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UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
Region 8
Albuquerque, New Mexico



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Regional Conservator

BIBLIOGRAPHY OF LITERATURE PERTAINING TO SOILS
AND CLOSELY RELATED SUBJECTS

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Bibliography of Literature Pertaining to Soils and Closely Related Subjects:

The purpose of this bulletin is not to give a complete list of published information pertaining to soils and closely related subjects or to recommend or disapprove particular publications. The intention is rather to present a reference list from which suitable publications may be selected for study or reference in relation to matters pertaining to various fields of soil science, erosion and erosion control and closely related subjects. The list merely represents the combined suggestions of members of the Soils Section in Region 8. The references are listed by subject, title, author, publisher and date insofar as this has been possible from information available at the time of writing. Titles are presented in alphabetical order. Revised issues will be developed from time to time. Suggestions for future revisions are invited.

Soils (General):

International Society of Soil Science, (Proceedings) quarterly.

International Congresses of Soil Science (Proceedings)
Washington, 1927; Moscow, 1930; London, 1935.

(The) Journal of the American Society of Agronomy, monthly, by
the Society, Geneva, N. Y.

(The) Nature and Properties of Soils (3d ed.), by Lyon and Buck-
man, Macmillan (text).

Pedology, by Joffe, Rutgers Univ. Press, 1936 (text).

(The) Principles of Soil Technology, by Emerson, McGraw-Hill
Co., New York (text).

(The) Physical Properties of Soils, by Keen, Longmans, Green
& Co., N. Y., 1931 (text).

Russian Investigations Concerning the Dynamics of Natural Soils,
by Hommerling, Leningrad, 1927.

Soil Science, monthly, published by Williams and Wilkins Co.,
Baltimore, Md.

Soil Science Soc. of America, proceedings, published by the
Society, Edwards Bros., Ann Arbor, Mich., Vol. I, 1936, Vol.
II, 1937.

Soil Conditions and Plant Growth, by Russel, Longmans, Green
and Co., N. Y., (text).

Soils, Their origin, Construction and Classification; An Intro-
duction to Pedology, by Robinson, (text).

Soil Characteristics, by Emerson, McGraw-Hill Book Co., N. Y.,
(text).

Soil Science, by Weir, Lippincott Co., 1936.

Soil Survey and Classification:

American Soil Survey Association, proceedings, annual, replaced by proceedings Soil Science, Soc. of Amer. Science 1936.

Atlas of American Agriculture, Part III, Soils of the U. S., by Marbut, U. S. D. A.

A Scheme for Soil Classification, by Marbut, proc. 1st Int. Congress Soil Science, Comm. #5, 1928.

A Field Classification of Soils for Use in the Soil Survey, by Ellis, Sci. Agr., (Canada) 12:338-345, 1932.

Achievements of Russian Soil Science in Morphology of Soils, by Zaklarov, Leningrad, 1927.

(The) Basis of Classification and Key to the Soils of California, by Shaw, proc. 1st. Int. Cong. Soil Sci., Comm. #5, 1928.

(The) Classification Problem in Russian Soil Science, by Afanasicov, Leningrad, 1927.

(The) Classification of Soils on the Basis of Analogous Series, in Soil Formation, by Vilensky, proc. 1st Int. Congress Soil Sci., Comm. #5, 1928.

(The) Development and Significance of the Great Soil Groups of the U. S., by Kellog, misc. publ. #229, U. S. D. A.

Descriptions and Relationships of Selected Series of California Soils, by Shaw, Univ. of California, 1934.

(The) Evolution and Classification of Soils, by Ramann, transl. by Whittles, Hiffer & Co., Cambridge, Eng.

Genesis of Soils, by Neustruev, Leningrad, 1927.

(The) Great Soil Groups of the World, by Glinka, transl. by Marbut, Edwards Bros., Ann Arbor, Mich.

Index for Rating the Agricultural Value of Soils, by Story, Calif. Agr. Expt. Sta. Bulletin #556, 1933.

Procedure for Making Soil Conservation Surveys, official guide of Section of Conservation Surveys, SCS, for Conservation Surveys.

Soil Survey Manual, by Kellog, Misc. Publ. #274, U. S. D. A.

Soil Series Descriptions (covering most correlated series in Region 8, assembled by Regional Soils Office).

Soil Terminology (Glossary made up by special committee of former American Soil Surv. Assoc., C. F. Shaw, Chairman. Copies available in Regional Soils Office).

Topographic Mapping, by Beaman, U. S. G. S., Bulletin #788; 161-378.

Soil Survey Reports, by U. S. Bureau of Chemistry and Soils, U. S. D. A., in co-op. with state experiment stations. Many for Region 8 available in Regional Library, Albuquerque, N.M.

Soils Conservation Reconnaissance Survey of the Southern Great Plains Wind-Erosion Area, by Joel, U. S. D. A. Tech. Bulletin 556, 1937 (illustrates original outline for conservation survey reports).

Soils and Men, Department of Agriculture Yearbook, 1938.

Soil Alkali:

Alkali Soils, Their Origin, Examination and Management, Calif. Agr. Expt. Sta. Circ. #292, 1925.

Alkali Soil Structures and Methods of Reclamation, by Burgess, Ariz. Agr. Expt. Sta., Bulletin #123, 1928.

Chemical Effect of Gypsum, Sulfur, Iron Sulphate and Alum on Alkali Soils, Calif. Agr. Expt. Sta., Vol. 3, No. 14, 1928.

(The) Choice of Crops for Saline Land, by Kearney, U. S. D. A. Circ. #404, 1936.

Reclamation of Black Alkali Soils with Various Kinds of Sulphur, by Thomas, Hilgardia (U. of Calif.) Vol. 10, No. 5, July 1936.

Reclamation of White Alkali Soils in the Imperial Valley, by Thomas, U. of Calif. Bulletin #601, July 1930.

Relative Resistance of Various Crops to Alkali, Utah Agr. Expt. Sta., Bulletin #168, 1919.

Principles Governing the Reclamation of Alkali Soils, by Kelley, Hilgardia, Vol. 8, No. 5, pp 149-177, Univ. of Calif.

Soil Alkali, by Harris, Wiley & Sons, 1920 (text).

Slick Spots in Western Colorado, by Gardner, Whitney & Keizer, Colo. Agr. Expt. Sta. Bulletin #20, Oct. 1937.

Sodium Hydroxide Rather than Sodium Carbonate the Source of Alkalinity in Black Alkali Soils, by Brazeale and McGeorge, Ariz. Agr. Expt. Sta., Tech. Bulletin #13, Dec. 1926.

Soil Moisture, Including Hydrology:

(The) Hydrologic Interrelations of Water and Soils, by Horton, paper presented at joint meeting American Soil Survey Assoc. and American Soc. Agron., Washington, 1936.

(The) Infiltration Capacity of Soils in Relation to the Control of Surface Run-off and Erosion, by Musgrave, Jour. Am. Soc. Agron., May 1935.

(The) Influence of Forest Litter on Run-off, Percolation, and Erosion, Jour. of Forestry, V 28, No. 4, 1930.

Laboratory Study of the Field Percolation Rates of Soils, U. S. D. A. Tech. Bulletin #232, 1931.

Moisture Equivalent as a Measure of Field Capacity of Soils, Soil Science, V-XXXII, No. 3, 1931.

Movement of Water in Irrigated Soils, Jour. Agr. Research, March 1, 1924.

Surface Run-off Phenomena, by Horton, Pub. #101, Horton Hydrologic Lab., Edwards Bros., Ann Arbor, Mich.

Surface Run-off Control, by Horton, paper presented before Up-Stream Engin. Confer., Washington, D. C., 1936.

Erosion and Erosion Control, Including Structures:

Comparison of Run-off and Erosion in Prairie Pasture and Cultivated Land, Conservation Dept. of Conservation and Survey, Div. Univ. of Nebr., Bulletin #11.

Conservation of the Soil, by Gustafson, (text).

Deserts on the March, by Sears.

(The) Design and Construction of Rolled Earth Dams, by Proctor, Engineering News Record, Aug. 31, Sept. 7, 21, 28, of 1933.

Earth Dam Projects, by Justin, Wiley & Son.

Farm Terracing, U. S. D. A. Farmers Bulletin #1669.

Floods and Accelerated Erosion Control in Northern Utah, U. S. D. A., misc. publ. #196.

Gullies, How to Control and Reclaim Them, U. S. D. A., Farmers Bulletin #1234.

implements and Methods of Tillage to Control Soil Blowing on Northern Great Plains, U. S. D. A., Farmers Bulletin #1797, 1938.

Physical and Chemical Characteristics of the Soils of the Erosion Experiment Stations, U. S. D. A. Tech. Bulletins #316 and #430, 1934.

Properties of Soils Which Influence Soil Erosion, U. S. D. A., Tech. Bulletin #178, 1930.

Relative Efficiency of Roots and Tops of Plants in Protecting the Soil from Erosion, Bulletin #12, Conservation Dept., Univ. of Nebraska.

Reports of the Erosion Experiment Stations, Div. of Research, S.C.S.

Role of Vegetation in Erosion Control and Water Conservation, by Lowdermilk, Jour. Forestry, V-XXXII, #5, 1934.

Selected Bibliography on Erosion and Silt Movement, Water Supply Paper #797, U. S. D. I.

Surface Run-off and Erosion in Relation to Soil and Plant Cover on High Grazing Lands in Central Utah, Jour. Am. Soc. Agron., 23 No. 10, 1931, by Stewart, George and Forsling.

Soil and Rainfall Conservation in New Mexico, N. M. Agrl. Experiment Sta., Bulletin #238, 1936.

Soil Erosion in California; Its Prevention and Control, Calif. Agrl. Expt. Sta., Bulletin #538, 1932.

Soil Erosion and Stream Flow on Range and Forest Lands of the Upper Rio Grande Watershed in Relation to Land Resource and Human Welfare, by Cooperrider, U. S. D. A., Tech. Bull. 567, 1937.

Soil Drifting (Wind Erosion) Control in the Prairie Provinces, Dom. Dept. of Agr., Ottawa, Can., Farmers Bull. 243, 1936.

Soil Erosion in Iowa, by Soils Subsection, Iowa Agr. Experiment Sta., Special Rpt. #2, 1936.

Soil Erosion and Its Control, by Ayres, McGraw-Hill Book Co., 1936 (text).

To Hold This Soil, by Russell Lord, S. C. S. Misc. Publ. #321, U. S. D. A.

Ecology and Closely Related Subjects:

Establishment and Succession of Vegetation on Different Soil Horizons, Calif. Agr. Expt. Sta., Vol. 5, No. 7, 1931.

Natural Vegetation of Arizona, Univ. of Ariz., Agr. Expt. Sta. Tech. Bull. 68, 1937.

Natural Vegetation, U. S. D. A., Atlas of Amer. Agr., Section E.

Notes on Native and Exotic Plants in Region 8 with Special Reference to Their Value in the Soil Conservation Program, by Leslie N. Goodding, Assoc. Botanist, Nursery Section, S.C.S.

Plant Succession and Grazing Capacity of Clay Soils of Southern New Mexico, by Campbell, Misc. Publ. #196, U. S. D. A.

Plant Association and Survival and the Build-Up of Moisture in Semi-Arid Soils, Ariz. Agr. Expt. Sta., Tech. Bull. 53, 1934.

Plant Ecology, by Weaver & Clements, McGraw-Hill, 1938.

Physical Properties of Soils that Affect Plant Nutrition, by Schuster, Soil Science, V4, No. 1, 1937.

Quantity of Living Plant Materials in Prairie Soils in Relation to Run-off and Soil Erosion, Univ. of Nbr. Bull. 8.

Root Studies of Important Range Plants of the Boise River Watershed, by Spence, Jour. For. V-38, No. 8, 1937.

Vegetation of the Southwestern Desert Region, Indicator Significance, U. S. D. A., V-XXVIII, No. 8, 1924.

Vegetation of the Pikes Peak Region, by Whitfield, SCS, Amarillo, Texas, Ecological Monograph 3:75-105, 1933.

Vegetation of Oklahoma, by Bruner, (Nbr. State Normal College, Kearney, Nbr.) Ecological Monographs, 1 - April 1931.

Laboratory Procedures:

Official and Tentative Methods of Analysis of the Assoc. of Official Agricultural Chemists (Published by the Association in Washington).

Soil Analysis - Physical and Chemical Methods, by C. H. Wright, published by Murby (text).

Standard Methods of Chemical Analysis, by Scott, (text).

Geology:

Agricultural Geology, by Emerson, Wiley & Sons, 1928 (text).

Field Geology, by Lake.

Field Book of Common Rocks and Minerals, by Loomis, Putnam and Sons.

Pediment Surfaces in the Southwest, by P. Reiche, Regional Geologist, Memo. to Mr. E. J. Carpenter, April 17, 1937.

Miscellaneous:

A Selected Bibliography on Management of Western Ranges, Livestock and Wildlife, by Rerner, U. S. D. A., Misc. Pub. #281, 1938.

Crop Production in Northeastern New Mexico Under Severe Soil Blowing Conditions, N. M. Agr. Expt. Sta., Bull. 243, 1936.

Engineering Properties of Soils, by Hogentogler, MacMillan Co., 1927 (text).

Glossary of Terms Used in Soil Conservation, SCS pub. 1936, by Committee on Definitions.

Irrigation Practice and Engineering, V. 1, by Etcheverry and Harding, McGraw-Hill Book Co., (text).

Irrigation Principles and Practices, by Isrealson (text).

Irrigation Requirements of the Arid and Semi-Arid Lands of the Southwest, U. S. D. A. Tech. Bull. #185, 1930.

Land Drainage and Reclamation, by Ayres and Scoates, McGraw-Hill Book Co., 1928 (text).

(The) Middle Rio Grande Situation, by Shevly, N. M. Business Review, Jan-April 1938.

Principles of Soil Microbiology, by Waksman, Williams and Wilkins Co., (text).

Scientific Agriculture, monthly, publication of Canadian Soc. of Technical Agriculturists.

Study of Methods for the Preparation of Permanent Soil Profiles, by Harper, Okla. Agr. Expt. Sta., Bull. 201, 1932.

Use and Duty of Water in the Salt River Valley, Arizona Agr. Experiment Sta. Bull. #120, 1927.

Type of Farming Areas in Colorado, Colo. Expt. Sta., Bull. #418, 1935.

(The) Western Range, Document #199, 74th Congress 2d Session, U. S. Printing Office, (available through your congressman).

*Bibliography on Soil Erosion and Soil and Water Conservation, U. S. D. A. Miscellaneous Publication #312, compiled by Stanley H. Gaines, Soil Conservation Service.

*This bibliography issued in October 1938 contains 4388 references to publications, texts, scientific magazines, popular magazines, etc., covering the whole field of soil and water conservation with a brief abstract of the scope or contents of each book, paper, or article. Citations of references are listed by geographic regions, i.e., states and countries, subject matter, and by authors.

